IN THE CLAIMS:

Please cancel claims 1-16 without prejudice or disclaimer.

Please add new claims 17-50 as set forth below.

1-16. (Cancelled)

17. (New) A method for optimizing resources in a radio telecommunication system, the method comprising:

receiving transport network information, the transport network connecting network elements of the radio access network to each other and the radio access network to a core network of the radio telecommunication system;

routing a telecommunications connection of user equipment via a serving network element to the core network through the transport network; and

adjusting the telecommunications connection between the serving network element and the user equipment on the basis of the received transport network information.

18. (New) The method of claim 17, wherein the received transport network information comprises at least one of transport network traffic information, transport network load information, and transport network topology information.

19. (New) The method of claim 17, further comprising adjusting a soft handover of the telecommunications connection between the serving network element and the user equipment on the basis of the transport network information.

20. (New) The method of claim 17, wherein the routing is performed by a serving network element of the radio access network serving the user equipment.

21. (New) The method of claim 17, wherein the serving network element is a serving base station or a serving radio network controller.

22. (New) The method of claim 17, wherein the telecommunications connection comprises a radio connection between the user equipment and the serving network element.

23. (New) The method of claim 17, further comprising adjusting anchoring of the telecommunications connection of the user equipment on a network element of the radio network on the basis of the transport network information.

24. (New) The method of claim 17, further comprising adjusting the adjustment criteria for a soft handover of the user equipment on the basis of the transport network information.

25. (New) The method of claim 17, further comprising adjusting the number of soft handover legs of the user equipment on the basis of the transport network information.

26. (New) The method of claim 17, further comprising adjusting the permissibility of a soft handover of the user equipment on the basis of the transport network information.

27. (New) The method of claim 17, further comprising adjusting usage of soft handover per base station of the radio access network on the basis of the transport network information.

28. (New) The method of claim 17, further comprising adjusting usage of soft handover per radio cell of the radio access network on the basis of the transport network information.

29. (New) The method of claim 17, further comprising adjusting the bit rate allocated for a bearer between network elements of the radio access network on the basis of the transport network information

30. (New) The method of claim 17, further comprising:

receiving information about the load in a cell covered by the radio access network, and

managing radio resources between the serving network element and the user equipment on the basis of the received information about the load in the cell.

31. (New) The method of claim 17, further comprising managing radio recourses between the radio access network and the user equipment on the basis of the transport network information.

32. (New) The method of claim 17, further comprising managing transport network resources on the basis of the transport network information.

33. (New) A radio telecommunication system, comprising

a core network,

a radio access network comprising a plurality of network elements;

a transport network for connecting the network elements of the radio access network to each other and for connecting the radio access network to the core network, and

receiver configured to receive transport network information; and

an adjusting device configured to adjust a telecommunications connection between a serving network element of the radio access network and user equipment on the basis of the transport network information.

34. (New) The system of claim 33, wherein the radio telecommunication system further comprises a radio controller configured to receive load information related to a cell covered by the radio access network and to manage radio resources between the serving network element of the radio access network and the user equipment on the basis of the received load information.

35 (New) The system of claim 33, wherein the serving network element serving the user equipment is configured to route the telecommunications connection of the user equipment via the serving network element to the core network.

36. (New) The system of claim 33, wherein the serving network element is a serving base station or a serving radio network controller.

37. (New) The system according to claim 33, wherein the received transport network information comprises at least one of transport network traffic information, transport network load information, and the transport network topology information.

38. (New) A network element for optimizing resource in a radio telecommunication system, the network element comprising:

a receiver configured to receive transport network information, the transport network connecting network elements of a radio access network to each other and the radio access network to a core network of the radio telecommunication system,

adjusting device configured to adjust the telecommunication connection between user equipment and a serving network element of the radio access network on the basis of the transport network information.

39. (New) The network element of claim 38, wherein the network element further comprises a radio controller configured to receive load information related to a cell covered by the radio access network and to manage radio resources between the serving network element of the radio access network and the user equipment on the basis of the received load information.

40. (New) The network element according to claim 38, wherein the received transport network information comprises at least one of transport network traffic information, transport network load information and the transport network topology information.

41. (New) The network element of claim 38, wherein the adjusting device is configured to adjust anchoring of the telecommunications connection of the user equipment with a network element of the radio network, based on the transport network information.

42. (New) The network element according to claim 38, wherein the adjusting device is configured to adjust a soft handover between the serving network element the user equipment on the basis of the transport network information.

43. (New) The network element of claim 38, wherein the adjusting device is configured to adjust criteria for a soft handover on the basis of the transport network information.

44. (New) The network element of claim 38, wherein the adjusting device is configured to adjust the number amount of soft handover legs on the basis of the transport network information.

45. (New) The network element of claim 38, wherein the adjusting device is configured to adjust permissibility of a soft handover on the basis of the transport network information.

46. (New) The network element of claim 38, wherein the adjusting device is configured to adjust the usage of soft handover per base station on the basis of the transport network information.

47. (New) The network element of claim 38, wherein the adjusting device is configured to adjust the usage of soft handover per radio cell on the basis of the transport network information.

48. (New) The network element of claim 38, wherein the adjusting device is configured to adjust the bit rate allocated for a bearer between network elements of the radio network on the basis of the transport network information.

49. (New) A network element for optimizing resource in a radio telecommunication system, the network element comprising:

receiving means for receiving transport network information, the transport network connecting network elements of a radio access network to each other and the radio access network to a core network of the radio telecommunication system, and

adjusting means for adjusting the telecommunication connection between user equipment and a serving network element of the radio access network on the basis of the transport network information.

50. (New) A computer program distribution medium readable by a computer and configuring the computer to execute a computer process for optimizing resources in a radio telecommunication system, the computer process comprising:

receiving transport network information, the transport network connecting network elements of a radio access network to each other and the radio access network to a core network of the radio telecommunication system; and

adjusting the telecommunication connection between a serving network element and the user equipment on the basis of the transport network information.